



AECOM
250 Apollo Drive
Chelmsford, MA 01824
USA
www.aecom.com

978 905 2100 tel
978 905 2101 fax

June 11, 2011

via Electronic Mail

Ms. Stephanie Vaughn
Remedial Project Manager
Emergency and Remedial Response Division
U.S. EPA, Region 2
290 Broadway, 19th Floor
New York, New York 10007

**Re: Update to Submission of Data
Monthly Progress Report No. 55 – November 2011
Lower Passaic River Study Area (LPRSA)
Remedial Investigation/Feasibility Study (RI/FS)
CERCLA Docket No. 02-2007-2009**

Dear Ms.. Vaughn

Enclosed please find an electronic data submittal for the LPRSA RI/FS, which *replaces* that submitted with the Monthly Progress Report referenced above, and the subsequent update dated April 16, 2012. The data will be posted to the EPA Project SharePoint site, in the CPG Implementation\Data folder.

This deliverable contains lab results validated during the month of November 2011, representing the entire Chemical Water Column Monitoring survey #1 (August 2011) in both the Lower Passaic River and Newark Bay.

The Region 2 EDD, version 3 files comprising this deliverable are:

File	Description
lpr-20120611.NJD980528996.EPARegion2EDD.mdb	LPR: Tables in the Initial EDD group: DataProvider_v3, Site_v3, Location_v3, FieldResults_v3 and the Chemistry group: Sample_v3, TestResultQC_v3, Batch_v3 for tests and results from all labs
nb-20120611.NJD980528996.EPARegion2EDD.mdb	Newark Bay: Tables in the Initial EDD group: DataProvider_v3, Site_v3, Location_v3, FieldResults_v3 and the Chemistry group: Sample_v3, TestResultQC_v3, Batch_v3 for tests and results from all labs

Project-specific items which clarify and/or extend the MEDD definition are:

- The surf_elev column of the Location_v3 table is presently set at 0 (zero).
- The depth_to_bedrock column of the Location_v3 table has been used to report the water depth observed at the time of sampling.
- Coeluting PCB congeners are denoted as requested by CDMSmith, with only the lowest BZ number of the coeluting set receiving a numeric result and/or reporting limit

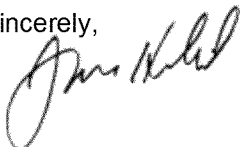
Reference values that have been added are listed in a table at the end of this letter.

Items reported as errors by EDP that are not really errors include:

Message	Table	Column	Value	Description
Invalid Qualifier	TestResultQC_v3	interpreted_qualifiers	TBJ TJ TJN Z ZJ	These results are QC samples and surrogate results that are reported as-is, not validated, and, therefore, should not have validation/interpreted qualifiers—the lab_qualifiers are repeated in the interpreted_qualifiers field to satisfy the R2EDD rule.
Result_value is required where detect_flag=Y.	TestResultQC_v3	detect_flag	Y	Due to the requested reporting scheme for coeluting PCB congeners.
Reporting_detection_limit cannot be null when detect_flag=N.	TestResultQC_v3	detect_flag	N	Due to the requested reporting scheme for coeluting PCB congeners.
Reference value not found	Sample_v3	sample_matrix_code	WQ	Value in RVF file.

For questions about this deliverable, please contact Jim Herberich at AECOM's Chelmsford, MA office by phone at (978) 905-2243 or by email at jim.herberich@aecom.com.

Sincerely,



James Herberich
Leader, Data Management and Presentation

cc: Willard Potter, dmi
Robert Law, dmi
Laura Kelmar, AECOM

Reference Value Additons

Table	Column	Value	Description
TestResultQC_v3	cas_rn	126-73-8	Tributyl ester of phosphoric acid
TestResultQC_v3	cas_rn	13C1234689HPCDF	CS 1234689-HpCDF
TestResultQC_v3	cas_rn	13C123469HXCDF	CS 123469-HxCDF
TestResultQC_v3	cas_rn	13C12346PECDF	CS 12346-PeCDF
TestResultQC_v3	cas_rn	13C12347PECDD	CS 12347-PeCDD
TestResultQC_v3	cas_rn	14808-79-8	Sulfate
TestResultQC_v3	cas_rn	16887-00-6	Chloride
TestResultQC_v3	cas_rn	36643-28-4	Tributyltin
TestResultQC_v3	cas_rn	58-08-2	Caffeine
TestResultQC_v3	cas_rn	947-57-9	Dimethylbicyclo[2.2.1]-2,5-heptadiene-2,
TestResultQC_v3	cas_rn	ALK	Alkalinity, total (as CaCO ₃)
TestResultQC_v3	cas_rn	AS 1368-TCDD	13C-1,3,6,8-TCDD (alternate cleanup standard)
TestResultQC_v3	cas_rn	AS 1368-TCDF	13C-1,3,6,8-TCDF (alternate cleanup standard)
TestResultQC_v3	cas_rn	HARD	Hardness (as CaCO ₃)
TestResultQC_v3	cas_rn	Q1586	2-Methylnaphthalene-d10
TestResultQC_v3	cas_rn	UNKNOWN22	UNKNOWN with 22nd highest conc.
TestResultQC_v3	cas_rn	UNKNOWN23	UNKNOWN with 23rd highest conc.
TestResultQC_v3	cas_rn	UNKNOWN24	UNKNOWN with 24th highest conc.
Batch_v3, TestResultQC_v3	lab_anl_method_name	218.6	Hexavalent Chromium by Ion Chromatograph
Batch_v3, TestResultQC_v3	lab_anl_method_name	10200-H	Chlorophyll a-b-c Determination
Batch_v3, TestResultQC_v3	lab_anl_method_name	4500-NH ₃ (G)	Ammonia in Water Using Automated Phenate Method
Batch_v3, TestResultQC_v3	lab_anl_method_name	4500-S ₂ (F)	Sulfide by Calculation
Batch_v3, TestResultQC_v3	lab_anl_method_name	SW8270 LL	Low Level Semi-Volatile Organic Compounds By GC/MS
TestResultQC_v3	prep_method	E1640	Determination of Trace Elements in Ambient Waters by On-Line Chelation Preconcentration and ICP-MS
TestResultQC_v3	preservative	BRCL	Bromine Chloride
TestResultQC_v3	preservative	CH ₃ OH	Methanol